

## Faculté Saint-Jean renovations improve learning environment

*Federal Government kicks in substantial amount of money for improvements*

By Sandra Halme

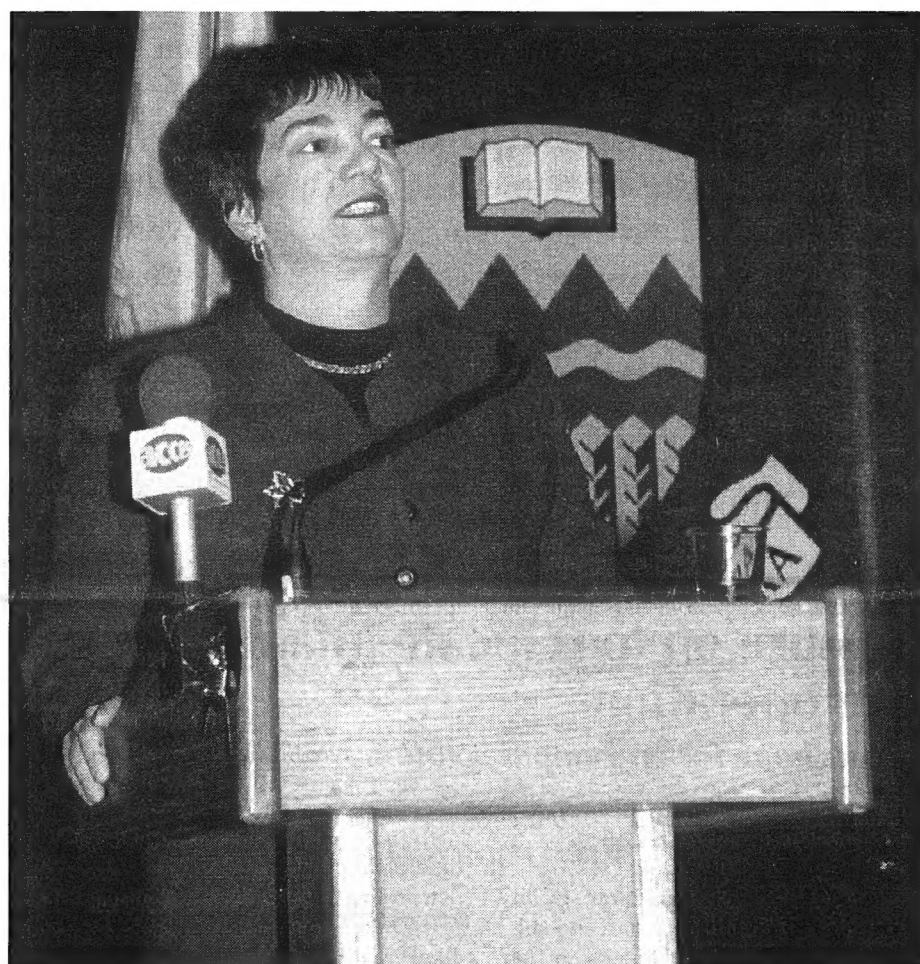
Deputy Prime Minister and Minister of Canadian Heritage Sheila Copps was on hand to officially open renovated facilities at Faculté Saint-Jean, 17 January.

"Faculté Saint-Jean plays a vital role in promoting French-language education in western Canada and enriches the cultural and intellectual life of the community," said Copps. "The great successes of Faculté graduates provide ample proof that bilingualism is not just a personal asset but an economic advantage."

The renovation totalled \$6,350,000 million; \$6 million of that came from Canadian Heritage. The University provided the rest of the money. The renovations have resulted in a significantly enhanced learning environment for about 400 students. The Faculté is one of only two schools in western Canada offering French language instruction for degree programs.

According to President Rod Fraser, the generous support of Canadian Heritage will mean that Faculté students will reap benefits for many years to come. "The Government of Canada has shown leadership in funding these renovations. Its continuing support of Faculté reinforces Canada's bilingual character and strengthens the resilient Francophone communities outside Quebec."

The Faculté's new library facilities include a curriculum library and preparation area, the Salle Durocher, a special



Deputy Prime Minister and Minister of Canadian Heritage Sheila Copps: Faculté Saint-Jean plays a vital role in promoting French-language education in western Canada and enriches the cultural and intellectual life of the community.

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Hockey players, a biathlete, skiers and a skater will compete against athletes from over 50 countries

collections room; a computer laboratory; multi-media area; CD ROM station; two group-study rooms; and 10 study carrels equipped with necessary cable to enable students to connect a laptop computer to the virtual library. The multi-media teaching centre will include 70 computer stations, printer station, videoconferencing facilities, web access and multi-media presentations.

In addition to improved academic facilities, the renovations also provide student social and recreational space, with a larger student lounge and a new fitness and equipment room complete with new showers and lockers adjacent to the gymnasium. Café Saint-Jean has also been enlarged and a theatre workshop area has been added to the theatre. New office space for 12 staff has also been added and all areas of Faculté are now wheelchair accessible. ■

## Tuition fees will likely go up

*Administration will be back in March with formal proposal for the Board of Governors to consider*

By Michael Robb

### Arguments IN FAVOUR of raising tuition fees:

- ▶ Government grants will likely not increase significantly this year
- ▶ The alternative is taxing already hard-hit faculties
- ▶ Tuition fees have historically been low in Alberta
- ▶ Students should pay about one-third of the real costs of their education
- ▶ Education is an investment and students will likely land well-paying jobs, and, therefore, be able to repay their debts
- ▶ Enrolment has not been adversely effected by increases
- ▶ The University must have enough money to put into its recruitment initiatives
- ▶ The University has to live within its means and can't keep running to government for increases

### Arguments OPPOSING higher tuition fees:

- ▶ Students will start attending community colleges and technical institutes in larger numbers
- ▶ Debts loads are deterring students from applying
- ▶ Quality is not keeping pace with rising costs
- ▶ The University should slow its increases as a signal that the University is indeed listening to students' concerns
- ▶ Disgruntled students will become unsupportive alumni
- ▶ Bursary programs are not keeping pace with student needs
- ▶ Higher costs will further decrease graduate student numbers
- ▶ The University is not exploring all its options
- ▶ The increases are inflationary



# We're over the top!

More than one in three faculty and staff giving to the University's internal fund-raising campaign; over \$2 million raised

By Michael Robb

## UNIVERSITY OF ALBERTA CAMPAIGN

The University's internal fund-raising campaign has raised over \$2 million. Over 36 percent of staff have given to the campaign.

"We have positioned ourselves very well as we prepare to launch the University of Alberta Campaign, 2 April 1997," Terry Flannigan, Director of External Affairs, said earlier this week. "The success of the Faculty of Law campaign last year and now the success of the internal campaign sets the standard of involvement we need to launch and complete the largest campaign in the history of the University of Alberta."

Acting Vice-President (Research and External Affairs) Roger Smith said, "This is a very important step; we all know how important this is to the overall campaign. This a marvellous start to the Campaign," he said, pointing out that people in the internal community, of course, can still donate to the Campaign. As of last week, the internal fund-raising campaign had raised \$2,024,009.

Officials in the Development Office point out that the high donor participation rate on campus gives them a powerful example when they ask external donors

to contribute to the University's fund-raising campaign.

"We knew that if we reached the participation rate goal of 35 percent that we would come very close to our financial goal of \$1.8 million set early in 1996," says Dr Flannigan. "To have a final total of \$2 million goes far beyond our expectations."

President Rod Fraser announced the good news to the Board of Governors, at their regular meeting, 10 January. He was particularly thankful for the generous contributions made by the University staff. Dr Flannigan acknowledged the financial sacrifices faculty and staff have made over the last three years. "Yet, we still had 36 percent of faculty and staff step forward and help with the Campaign. That's an awesome statement to make."

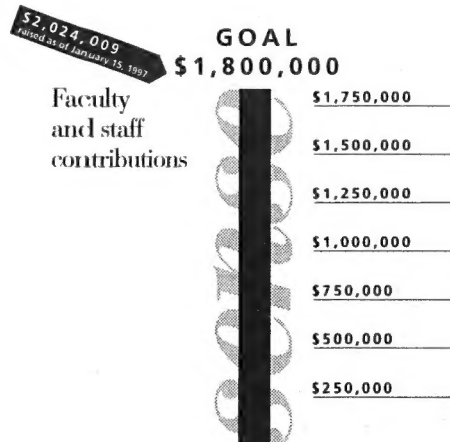
In fact, officials in the Development Office believe the internal donor participa-

tion rate is among the highest—if not the highest—at any major Canadian university that has carried out a fund-raising campaign.

Meanwhile, the Development Office is actively working with the internal community and potential donors on the "quiet phase" of the Campaign. It's expected that as much as half of the \$144 million goal will be raised when the Campaign is launched publicly in the Spring. The University's case statement, a statement of targetted needs, outlines the University's desire to raise \$144.65 million over five years. It's expected that \$60.4 million will be raised for students, largely designated for scholarships and bursaries. The University expects to raise \$34.3 million for facilities and \$49.95 million for chairs, professorships and start-up purposes. ■



...it makes sense.



...it makes sense.

## Pressure on to relocate infant care operation

Parents hope for on-campus solution

By David Holehouse

Efforts to relocate Michener Park Education Society—a child care facility considered crucial by many staff and students—are becoming more intense as the late-April deadline to vacate looms closer.

The University is selling Galbraith House to a private owner, and has given the society notice to vacate on 30 April. Society officials, parents and University administrators have met on the issue, and planning and development officials were scouring the campus as well as area schools and churches last week in the race to find new space.

The society, operating in Galbraith House, accommodates 38 children aged from birth to 36 months. Director Sheila Lindores also administers a day home program that matches another 50 children with suitable caregivers.

Users of the child care facility are anxious about the looming deadline. They point out that the University has known for two years that Galbraith House would be sold, and has been remiss in not making alternate arrangements long ago. Some have called for the Board of Governors and other parties to get involved.

"We keep looking at a variety of spaces, and don't have anything at the moment," Anne Marie Decore, Associate Vice-President (Academic), said last week. "The Planning and Development Office is looking internally and outside the University, but I can't really say we have a definite possibility."

Officials have considered the Aberhart and other buildings, but in some cases significant expense would be attached to the renovations required. At the same

time, child care isn't the only function demanding space.

"There's a big pressure for space from all over, with consolidation of departments, some expansion, as well as some long-standing requirements that need to be addressed," said Dr Decore. "But day care is important. We are in the process of recruiting young academic staff, and I remember what it was like when I had two small children while trying to keep an academic career going. It's not that people don't think it's important; we are working to solve it."

Shannon Zwicker, Senior Development Officer (Major Gifts), has an eight-month-old daughter who attends the Galbraith House facility. She said it's unsettling to not know where one's child will receive care. Having infant care right on campus—as it is at some other institutions—would solve the problem, she suggested.

"I think the University has an obligation to find something on campus, and I think the University will be responsive to the need," she said. "One of the main goals of this University is to attract and maintain outstanding faculty and staff; the new faculty will be young and many will have children. Child care could certainly influence my decision to take or stay in a particular job."

Zwicker said she could save \$170 a month by placing her daughter in a for-profit day care, but she values Galbraith House's well-trained staff, higher staff-to-child ratios and superior standards of care. ■

See letter to the editor, page 9

## CURRENTS

### RESEARCH REVELATIONS '97

Research Revelations '97 will be held Saturday, 8 February, from 10:00 to 5:00 pm on the main floor of the Central Academic Building. It is open to all researchers in all faculties, departments and units.

### FUNKY FASHION SHOW

The U of A Peer Health Educators are hosting their annual "Celebrating our Natural Sizes" all sizes fashion show, 6 February, at 7:00 pm in Dinwoodie Lounge, Students' Union Building. Everyone is welcome and tickets are free at SU information booths in CAB, SUB and HUB.

### TALK ON PCBs SCHEDULED

A Laval University professor will speak on the health and social issues of organochlorine (ie. PCBs) ecosystem contamination in Nunavik and Labrador, tonight, in Room 2F1.04, classroom D, in the Walter C Mackenzie Health Sciences Centre. Éric Dewailly, the director of the Environmental Health Services, Quebec Centre for Public Health, is a speaker in the seminar series sponsored by the Eco-Research Chair, Environmental Risk Management.

### MAUDE BARLOW SPEAKER AT EXTENSION CONFERENCE

Council of Canadians chair Maude Barlow will be the featured speaker at *Alberta through the Eyes of Women*, a conference for Alberta women, 7 and 8 March, at the Faculty of Extension. The conference is sponsored by the Women's Program, Faculty of Extension. For more information, call Tarnowski at 492-2847, or Oseen at 433-5454.

### CAREER FAIRS PLANNED

Career and Placement Services is planning several career fairs. They are: English Career Forum, 28 January, 3:30-5:30 pm, Hum L-4; Native Studies Career Forum, 28 January, 4:00-6:00 pm, Hum 2-15; Marketing and Promotions Career Forum, 29 January, 5:00-7:00 pm, Tory B-45; Social Services and Community Relations, 30 January, 5:30-8:00 pm, Tory B-45; and, Economics Career Forum, 6 February, 4:00-6:00 pm, Bus 3-10. Cost is \$4 in advance. Tickets can be purchased at CaPS, 2-100 Students' Union Building, \$5 at the door.

## Classic opera coming to Con Hall

By Stella Chooi



Brilliant...bold...clever...comical...and a smash hit from the beginning! In a fully staged performance under the direction of Professor Alan Ord, Mozart's *Marriage of Figaro* comes to Convocation Hall on February 5, 6, 7 and 8 at 7:30 pm. The singers, students from the Department of Music's Opera Workshop, will be joined by members of the University of Alberta Symphony Orchestra under the direction of Norman Nelson.

The *Marriage of Figaro* has the distinction of being one of the oldest, if not the oldest opera in the permanent repertoire of virtually every lyric opera stage in the

Continued on page 12

## FOLIO

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University  
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# University staff, administrators test new bargaining approach

## Run-up to 1997 pay talks begins

By David Holehouse

Academic and non-academic staff associations were introduced last week to a consultant who advocates an alternative, more friendly, method of bargaining.

The Association of Academic Staff (AAS:UA) and the Non Academic Staff Association (NASA), representing about 5,000 employees, are set to begin pay and benefit talks with University administrators. They consider this the first chance to bargain in three years, given that a pay cut of about five-per-cent took place three years ago and pay freezes were imposed both years thereafter.

Brian McDonald, Associate Vice-President (Academic Administration), said bargaining will not begin yet. Teams representing all parties will first undergo training with Calgary negotiations consultant Randy Parkin. "We have decided we will not go the regular route," said McDonald. "The consultant will train the teams in a non-argumentative approach to the whole

thing, and then we will be able to sit down together and discuss issues and goals before the real bargaining begins."

"We think it's good to try something new," said NASA president Art Clarke.

"It will help us get things done a little better, and give us a level playing field."

AAS:UA president Reuben Kaufman said his team will participate in sessions with the administration to discuss general directions, concerns, principles and objectives.

"Once we have done that, we'll start talking about the numbers," Dr Kaufman said. "There's no date for when we will finish the discussion; the aim is to see where we have some common ground."



Reuben Kaufman

It's a cooperative approach, and one that Dr Kaufman said is consistent with the two sides' track record of negotiation.

"I think we are very lucky to have a tradition of the AAS:UA and administration working with each other in a positive way," he said. "It makes a lot of sense that we do everything we can to make sure this continues. But, how far we are going to go is something that every member is asking me. Notwithstanding that we have a very good relationship with the administration, it depends on how they are going to meet not just the salary concerns, but also the concerns over working conditions."

Dr Kaufman said budget cuts have done much more than crimp salaries; they have completely changed the way in which faculty, librarians and other academic staff do their work. Bigger classes, reorganization, stress and loss of control over their professional activities have led to a significant decline in morale.

"The general mood of the academic staff is probably the lowest I've seen it in

*"We think it's good to try something new."*  
NASA president Art Clarke

20 years," he said. "Part of that is due to the devaluation of what we do by way of the compensation issue, and part to the huge metamorphosis in how we do business. Most of this was imposed from outside, by the government, and this makes it tough for professors and others who don't get the same feeling of satisfaction, are not able to deliver the quality they feel they could and should."

Outgoing Board of Governors member Tom Shields said at the regular Board meeting, 10 January, that the University has weathered a 20 percent cut. The people who work here deserve a lot of credit for coping with those cuts, he said, adding that that should be an important aspect of the upcoming contract negotiations. ■



Lady Mary Wortley Montagu

## Biography: If it's impossible, why try? Isobel Grundy will deliver Edmund Kemper Broadus Lectures

By Michael Robb

explains Dr Grundy. During the 19th century, scholars edited and re-published her letters. They would often conclude that what a lesson Lady Montagu was to us all—she was so brilliant and so beautiful, but not really happy.

"My great temptation is to look for a feminist heroine, wanting her to be. I keep on finding that she wasn't, that the closer you get to the full story, something that looks like a victory in her life turns out to have been a defeat. There is nearly always the prescription for the 'good woman' around in any age, and she's nearly always seen to fall short."

Those earlier portrayals have influenced other scholars, Dr Grundy believes. But Dr Grundy says that writing a new biography, paying attention to the particu-

lar case, ought to provide an opportunity to break free from stereotypical expectations and find that this particular person doesn't seem to fit the kind of expectations people may have. "She's such a blend of the strong woman and the weak woman, the rebel and conformist. At this particular moment, we're very alerted to look for that kind of thing."

Students of literature are beginning to give biography more theoretical attention, Dr Grundy points out. There's a general feeling that biography has been too simple and needs to be made more complex, she says, and that's predictable. "That's the kind of thing that's said about every genre."

Biography has to strike a balance, however. "If you make it more and more complex, then it becomes more difficult to

make it readable, and to hold on to the sense of there being a good story," she says. The biography will be published by Oxford University Press.

### The three lectures:

- **Butterflies on Wheels: biographers and the lust for good copy**  
Monday, 3 February, 4:00 pm
- **Gazing at Lives: the portrait as clue or trap**  
Wednesday, 5 February, 4:00 pm
- **Biography: if it's impossible, why try?**  
Friday, 7 February, 4:00 pm

All lectures held in Lecture Theatre 1, Humanities Centre. ■

When she began writing a literary biography on Lady Mary Wortley Montagu, English professor Isobel Grundy's two aunts had just recently died. She thought she knew a lot about the two women. "But I realized that if I had to write [about] their lives, I wouldn't have a clue about their young years when I wasn't around, or even about the years when I had known them.

"I think the past is forgotten in a moment," says this year's Edmund Kemper Broadus Lecturer. "And there are so few people who know it anyway, that biographers really have their work cut out to try to write a reasonable story," says Dr Grundy, who will deliver three lectures on the difficulty of writing literary biography.

The expert on 18th Century British literature and one of the foremost literary historians of women's writing has thought about the subject for a long time. "Writing a life presents all the problems of writing fiction, plus all those of writing scholarly non-fiction. It demands the investment of prolonged and intense effort to try to arrive at precise facts and dates; but, paradoxically, it will collapse into stereotype unless it keeps its reader constantly aware of the impossibility of knowing for certain the truth about the life of another person.

"I'm really lecturing, partly, against the desire to feel we understand it, that we've got it all wrapped up," she explains, "but you need to be driven by thinking you can find out about the person."

The general picture painted of Lady Montagu, a person very much a part of the European enlightenment who was a prolific writer of poetry, fiction, drama and non-fiction, has been slanted. There has been a tendency to demonize the woman,

## Bursary support may accompany tuition increase

By Michael Robb

Most Board of Governors members expressed their support—albeit reluctantly—for an administration proposal to raise tuition fees by the maximum allowable for the 1997/98 academic year. However, some Board members suggested at the last Board meeting, 10 January, that tuition fee increases should be accompanied by increases in bursary funding.

"If we're going to increase tuition, we should increase student assistance," said Board member Betty-Anne Pearson. Added Eric Newell, there has to be funding for students who absolutely cannot afford the costs of attending university.

Vice-President (Academic) Doug Oram said the University is going to have to look at increasing funding for bursaries. Added President Rod Fraser, there are potential donors interested in funding bursaries at the University.

The administration has suggested the University raise tuition fees by about nine and one-half percent; a three-weight half course would increase from \$278.88 to \$305.64. The cost of a full year course would be \$611.28.

"I don't like bringing this proposal forward," said Dr Oram, but the government grant is not going to increase signifi-



Eric Newell

cantly next year and if the increases aren't implemented, the faculties, after enduring three years of cuts, are going to be forced to cut positions. The administration is expected to bring a formal proposal

forward to the Board in March.

Representatives of both major student groups on campus argued that it was time the University slowed its tuition fee increases. Why not raise tuition fees by a more modest five percent, which would still allow the University to generate enough revenue to fund its strategic initiatives, said Students' Union president Garrett Poston. This would also send a signal to the students that the University had listened to their concerns.

Graduate Students' Association president Gordon Squirell attempted to convince Board members of the importance of slowing tuition fee increases for graduate students, arguing that at a time when graduate student enrolment was down, it was important to send a signal to potential graduate students. Tuition increases have outstripped graduate student support,

and funding complaints among graduate students are increasing, he said.

Other universities are starting to slow their tuition increases, but the U of A's numbers are being maintained in spite of the tuition increases, Dr Oram pointed out, responding to Board member Don Mazankowski's concerns that the tuition fee increases may begin to effect the University's bottom line, enrolment.

Newell said he hadn't heard a lot of discussion about the value of the investment in education. There's no better investment, he said, and graduates find better employment and rapidly pay off their debts. There are tradeoffs the University has to make, he said, and in the end it makes sense to put money into staff costs because that's what's going to maintain the quality of the institution.

The provincial government's tuition fee policy states: "The annual increase in fees for instruction at universities, public colleges and technical institutes compared to 1993/94 shall not exceed an average of \$215.50 per full time equivalent student for 1994/95, excluding off-campus and contract FTEs. For 1995/96 and beyond, this limit shall be adjusted by the cumulative actual change in the Alberta consumer price index, 1994/95 being the base year." ■

# Wisdom lies in recognizing the colouring of our values

*Surely the point of the university is to bring opposing metaphysical beliefs into dialogue.*

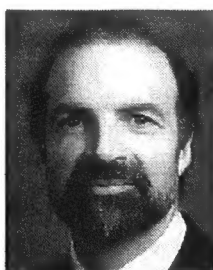
By Christopher Levan

New Year's Eve is not a time I would usually choose for deep introspection. It's a night for champagne and party hats. Sip the bubbly and roll out the laughter.

The crowd I was with was looking for something frothy and funny as they scanned the movie menu. Another version of Arthur Miller's Salem tale "The Crucible" did not win any initial votes. We'd seen enough witch-hunts over the past year—the victimization of people on welfare, the demonization of social programming. It was time for a stiff dose of levity to ease us into another year.

Nevertheless, integrity won out and "The Crucible" it was. And what a poignant portrayal of evil this movie is. It featured a stunning performance by Daniel Day Lewis as the protagonist farmer who stands up to the raging paranoia of a 17th century puritan village.

There are many aspects of the film worthy of note, not the least of which is the unorthodox ending for such a Hollywood production. If you haven't seen it, I



Chris Levan

won't spoil its dramatic conclusion, but you can hardly miss the screaming silence as the credits begin to roll.

What struck me most profoundly was the destructive dynamic of fundamentalism around which the plot revolves.

There is nothing more volatile and vicious than someone who knows they are absolutely right. Unbending certitude, personified by the Reverend Parris, is quite frightening in its one dimensional single-mindedness. From the outside, he appears to be the model of morality, an upright citizen who has uncovered, according to the metaphysics of his own day, a dangerous disruption in the equilibrium of his society.

The genius of the stage is that we are allowed into the inner thoughts of the actors. In this case, from all outward ap-

pearances, the shepherd of this parish flock is performing with diligence and wisdom, while inwardly, he is frightened and confused. We can taste Parris' insecurity as the plot unravels and a hunt for the devil's accomplices gets out of hand.

Having seen the parson's inner duplicity, we are initially surprised by the marked assurance of his declarations. As the witch-hunt becomes more unbelievable, his certitude rises in equal measure.

Through the intransigence of the pastor, Miller points to the central axiom. Those who know they are absolutely right wield a frightful weapon—first on themselves and then on others. Playing on humanity's anxiety, fundamentalism is dangerous precisely because it feeds on insecurity while pretending it has no such apprehensions of its own.

In contrast, truth is always humble.

Viewing "The Crucible" from the perspective of a theologian and a minister, it is particularly grating to see that under the skin of many moralists there lurks a profound stupidity, an unwillingness to

recognize the shifting context of human life that demands a rethinking of our presuppositions. Clearly, the puritan Parris had ample evidence that his position was untenable, but he held to his guns counting as virtue his opposition to the rising tide of evidence that no one was possessed by an evil spirit.

Pitiful fool!

Within the university, this same foolishness reigns among those who claim to be "value-free" scholars. Are we not in a similar danger of committing the stupidity of fundamentalism? Surely we see that there is no human position, thought, action, or research which does not emanate from a value—it matters not whether it is the value of compassion, efficiency, or profiteering.

I'm not critiquing the relative merit of one value over another. That science might begin with the assumption that empirical positivism is no more surprising than philosophy starting with a universalist inclination.

Wisdom lies in recognizing our contextual colouring of values. It's not usually our hearts that need exorcism but our dogma. ■

## UNIVERSITY OF ALBERTA CAMPAIGN

January 15, 1997

Dear Faculty and Staff,

*Thank You and Congratulations!*


When the Office of External Affairs began organizing the Faculty and Staff Campaign, they had two major goals – to have 35% of U of A employees participate in the campaign and to raise \$1.8 million. With your commitment and extreme generosity, you have exceeded both of those goals. After experiencing the financial restraints of the past few years, 36% of U of A faculty and staff rallied around this institution and pledged over \$2 million. We are proud of your achievements and the new standard in participation rates you have set for major Canadian universities!


Now we are embarking on the public phase of the major campaign – the University of Alberta CAMPAIGN – with a financial goal of \$144,650,000. Not since its inception has the University of Alberta had such a dramatic opportunity to shape its future. Your support of the Faculty and Staff Campaign, and its success, will be a cornerstone in the success of this historic major campaign.


As CAMPAIGN Co-Chairs, we will be telling the U of A story across Canada and around the world. We promise that your outstanding support and commitment throughout the Faculty and Staff Campaign will be an exciting part of the story.

Again, thank you and congratulations on an outstanding Faculty and Staff Campaign.

Sincerely,

  
The Rt. Honourable  
Don Mazankowski, P.C.

  
Catherine Roozen  
Vice-President, Investments  
Cathton Holdings Ltd.

  
Brian MacNeill  
President & CEO  
IPL Energy Inc.

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Brian MacNeill  
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Chief Executive Officer,  
IPL Energy Inc.

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University of Alberta



...it makes sense.



# 1996/97

## MCCALLA RESEARCH PROFESSORSHIP RECIPIENTS

The following is a brief description of the work being conducted by the 1996/97 McCalla Professorship recipients. The award is given to the University's outstanding academic staff members who have made significant contributions to their field of research, their students and the University. Recipients are provided with release time for an academic year to permit them more time to devote to research activities.

### FERAL TEMELLI

Agricultural, Food and Nutritional Science

Dr Temelli is investigating applications of supercritical fluid technology to obtain high quality value-added products without the use of organic solvents. He is studying the extraction and fractionation of canola and fish lipids using supercritical CO<sub>2</sub>, its mass transfer kinetics and lipid reactions in supercritical media. Dr Temelli accepted an invitation to co-author a book entitled *Supercritical Fluids in the Food Industry*. The professor is also investigating soluble fibre components that have beneficial health effects; the research team has managed to isolate a B-glucan enriched fraction from barley and determine its functional properties. "Our objective is to scale up the B-glucan isolation process and incorporate B-glucans into new food products," he explains.

### GREG HOLLINGSHEAD

English

Professor Hollingshead is working on the completion of a novel, *Extravagant Love*, concerning a young woman undergoing a process of spiritual transformation issuing in states of ecstatic seizure. The narrative explores the effects of this transformation upon herself, her family and those who become close to her. "The theme is spiritual understanding and its repercussions," Dr Hollingshead explains. "Spiritual experience being realer than real for the individual yet by its nature incommunicable and unverifiable, I am concerned to make no claim one way or another but only to create a contemporary fictional, human context in which such experience might credibly occur and dramatically to provide certain insights to which it might give rise."

### JOHN LANGDON

History and Classics

According to History professor John Langdon, watermills and windmills were potent symbols of the "new technology" that many historians consider to have transformed the later middle ages and to have provided the basis for the agricultural and industrial revolutions to come. "From the material I have collected, I will examine a large sample of English mills during the period from 1300 to 1540, analysing them both as innovations and as an industry," he says. "The case study will allow us to see much more clearly how a relatively new technology functioned in a medieval setting and how it interacted with the economy and society of the time."

### TERRANCE NEARY

Linguistics

When we listen to speech, do we perceive words as wholes, or are they broken up into smaller elements? Work in Dr Neary's lab suggests that most of the work of transforming sound waves in the air into words in our brains takes place through the action of individual consonant and vowel-sized ele-



English professor Greg Hollingshead

ments. "However," he explains, "for this process to be successful, these smaller elements must accommodate important aspects of their contexts. Research planned for this project will study the nature of this context-sensitivity in human perception. Results may have implications for automatic speech recognition and other technologies."

### IAN MCLAREN

Political Science/English

Professor McLaren's project involves understanding the relations between two sets of texts: what explorers and early travellers in the wilderness wrote in their field notes and drew in their sketchbooks while *en route* through arctic and western Canada, and what appeared over their names as the narratives published in the imperial centre, usually London, following their return to "civilization". "The representation of nature, of native peoples, and of geography shifts markedly between the wilderness and the metropolis as the purposes of and audiences for these two sets of texts alter," Dr McLaren explains.

### ROBERT GEPHART

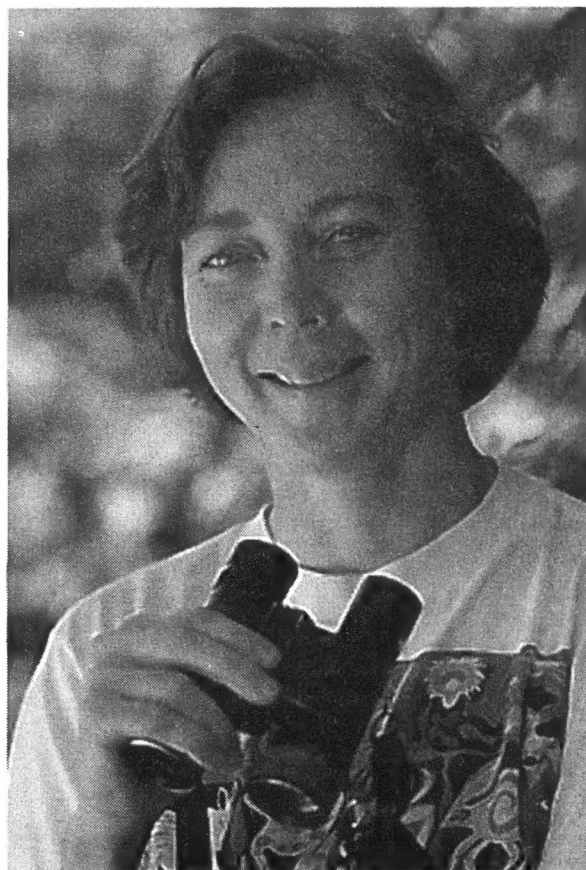
Organizational Analysis

Dr Gephart is investigating technological and environmental risk management in organizations. Building on past research, Dr Gephart is investigating the ways in which crisis and risk stakeholder groups develop a sense of shared meanings about risks and hazards; the conditions which prevent the development of shared understandings of hazards and risks; and the organizational consequences which arise when shared understandings are not achieved. His work will focus on four industries: oil and gas production; pipeline transportation; process chemicals production; and tourism and leisure. "The practical implications of the research will be relevant to organizations and stakeholders concerned with effective management and mitigation of technological and environmental risks and hazards," he explains.

### DAIYO SAWADA

Elementary Education

Dr Sawada is working on a book-length manuscript called a *Cosmology of Curriculum* which will draw upon nine major thrusts in his work over the past two decades: structuralist and deconstructivist poetics; classical Japanese poetics; Japanese mathematics education; postmodern mathematics education; chaos



Biological Sciences professor Susan Hannon

theory and fractal geometry; ecosophical education; systems and living systems theory; pedagogy of place; and, recursive complementarity.

### WAYNE GROVER

Electrical Engineering

Dr Grover's McCalla allows him to pursue four research projects. One of the most exciting, says Dr Grover, is experimental use of "self-healing networks" technology in collaboration with MCI Telecommunications Corp, the third largest network operator in the world. "MCI will be putting millions of their own dollars into licensing SHN technology from TRLabs and into deployment of the technology in their continental US network," he explains. "As the inventor and leading expert on this technology, the McCalla affords a very timely opportunity for me to participate intensively in the proving of this U of A-based technology."

### JAYNIE YANG

Physical Therapy

Why can many mammals be retrained to walk after a complete transection of the spinal cord, and yet this ability has never been convincingly demonstrated in humans? That question has been uppermost in Dr Yang's mind. "It remains unclear whether these differences result from fundamental differences in the way the nervous system controls walking in the two species or differences in the way spinal cord injury affects the two species," she says. During her McCalla, Dr Yang is addressing two more specific questions related to these more general questions.



Jaynie Yang

### FREDERICK DECOSTE

Law

Professor DeCoste is working on a Social Sciences and Humanities Research Council funded project entitled *Law, Diversity and Redemption*, which is expected to be published as a monograph this year. He plans to do four things: reinterpret liberalism as a response to the human "situation" and especially to its tragic and misanthropic dimensions; to construct an identity-based version of liberalism in which polity and

law are viewed as moral and ethical practices with respect to the other; to defend this version of liberalism against current critics; and, to construct a theory of liberal redemption in law and politics.

### M RUTH ELLIOTT

Nursing

For over 10 years, Dr Elliot has conducted research on infant crying. She is particularly interested in colic and how this affects families. She is also continuing her research in the area of infants' early environments, particularly environments in which infants are at risk for psychosocial and emotional development problems because of poverty or parents' lack of education or social support. She is testing two community-based strategies.

### SUSAN HANNON

Biological Sciences

Dr Hannon is using her McCalla to investigate the influence of landscape structure on bird distribution and abundance in boreal mixed wood forests in northern Alberta. Current forest harvesting procedures reduce the spatial and temporal heterogeneity created by natural disturbances in the boreal forest. She points out that the impact of this on biodiversity is not clear. She wants to learn new analytical techniques that deal with landscape-level processes. Her previous research focussed mainly on population ecology of boreal birds and avian conservation biology.

### ROBERT JORDAN

Chemistry

Dr Jordan is focussing on his research into the kinetics and mechanisms of oxidation of organic substrates by aqueous iron and copper. The oxidation studies focus on small molecules of biological interest, and Dr Jordan is particularly interested in unravelling the complex reaction pathways. He is also finishing the second edition of his book on inorganic reaction mechanisms. The second edition will be a major revision with additional material on basic principles and methods, as well as new results from the areas of coordination and organometallic chemistry.

### JONATHAN SCHAEFFER

Computing Science

Dr Schaeffer is developing a programming environment for taking computer programs, written in the popular C++ programming language, and have them work in parallel on multiple computers. This is a joint program with Duane Szafron and Ron Unrau at the U of A and includes researchers at the University of Waterloo, York University and IBM Canada. The professor's goal is to develop parallel programs that are as easy to develop as sequential programs. "Parallel computing is becoming more commonplace," he explains. "Computers connected together by a network can be harnessed to collectively solve a computational problem. Many small computers can be made to work together as a single supercomputer."

NOTE: In the fall, Folio will carry brief descriptions of the 1997/98 McCalla Professorship recipients' work. Some of those recipients have been named, while others in select faculties have not been named.





## BOARD BRIEFS

### TOM SHIELDS SAYS GOOD BYE

The 10 January meeting of the Board of Governors was Tom Shields' last Board meeting. His term has expired. The Grande Prairie resident said he was disappointed that he was leaving now. The President's vision for the future of the U of A will be fulfilled, he said.

### MAZ AGREES TO ANOTHER TERM

Don Mazankowski agreed to stand for a second three-year term on the Board of Governors.

### TWO IMPORTANT ACADEMIC PROGRAMS APPROVED

The Board gave its approval for the establishment of the dual graduate degree programs of Master of Business Administration/Master of Agriculture and the Master of Business Administration/Master of Forestry. The programs had been approved by General Faculties Council. These kinds of programs send a powerful signal to the community that the U of A is prepared to move out of its silos, Chancellor Lou Hyndman said. The U of A now has to work more collaboratively with Grant MacEwan Community College and the Northern Alberta Institute of Technology, he said.

### AND BRIEFLY...

- The University expects its 1996/97 budget will be balanced;
- The Board approved the expenditure of \$750,000 to renovate space in the Dentistry/Pharmacy Building to accommodate a tenant leasing space; and,
- Discrimination and harassment policy and procedures were approved.

## United Way exceeds its goal



The 1996 United Way Campaign exceeded its goal. As of 10 January, the campus community had raised \$209,840.

The goal was \$200,000.

"We would like to give a sincere thank you to each and every donor. Initially, the committee was concerned that it might be difficult to reach our goal since many faculty and staff had just made a commitment to the internal fundraising campaign. We were delighted to see that it did not make a difference."

Some encouraging facts to consider about the United Way Campaign:

- The average employee gift increased this year to \$271 from \$233 in 1995
- The number of "leaders", those who gave \$600 or more, decreased from 97 to 80—still the highest amount from any employee campaign in the Edmonton area—but this was because a number of 1995 leaders had retired
- We were very pleased to have attracted 146 new donors, those who had never given to the United Way via the University of Alberta
- The amount of money raised through special events increased by 60 percent from \$4,650 in 1995 to \$7,817 in 1996

This year's campaign was aided by the generous sponsorship of Alumni Affairs, BGE Service and Supply, Department of Music, Devonian Gardens, Drama Department, Faculty Club, Faculty of Extension, Faculty of Physical Education and Recreation, Galatea Galleries, Java Jive, Labatts, Logicorp Data Systems Ltd, Miller Office Group, Office of Human Rights, Office of the Registrar, Office of the Vice-President (Research and External Affairs), Radio Shack, Stylistics Hair Group, University of Alberta Bookstore, University Press and Westin Hotel. ■

# U of A sending number of athletes to Winter Universiade '97 in Korea

**Hockey players, biathlete, skiers and skater will compete against athletes from over 50 countries**

By Michael Robb



Biathlete Gerhard Klann

Nine University of Alberta athletes have qualified for the Winter Universiade '97, held this year, 24 January to 2 February, in Muju-Chonju, Korea.

The U of A contingent, members of the 50-member Canadian team, includes several Golden Bears hockey players, one of Canada's top biathlon racers, a figure skater and three of the province's top cross-country skiers.

"The University of Alberta is extremely proud of its history of athletic excellence," says Director of Athletics and Recreation

Ian Reade. "Part of that history has been the involvement in the FISU (International University Sports Federation) Games, better known as the Universiade Games."

It will be a great experience, says '97 Universiade team member Gerhardt Klann, a forestry student who last year finished first in the 1st North American Cup 10-kilometre and 15-kilometre biathlon events. "I'm looking forward to racing against some top people; it will be pretty good competition."

Klann and skier Duncan Kenyon say the University has been helpful, offsetting the costs of getting to the games. "Sports Canada and the National Sport organizations have cut back quite dramatically on the support they provide for athletes, coaches and support staff," Reade points out. "As a result, many of those people are required to pay their own way to the Games. This is problematic for any athlete, but it is doubly difficult when that athlete is also a student."

Along with the U of A, interested supporters, local business, government and alumni have stepped forward to fund the athletes' costs. Local ski shop Track 'n Trail, for example, is assisting the skiers on the team.

The participants include:

- **Reint Boelman**, Agriculture, Forestry and Home Economics  
*Sport:* cross-country skiing  
*Career highlights:* 3rd Alberta Cup, 1996; 7th Canadian Birkenbeiner (31k), 1996; 5th ACAC Championship, 1996

- **Mike Jickling**, Science  
*Sport:* hockey  
*Career highlights:* Member of Team Canada at Nagano Cup, 1996; Fourth year with Alberta; Named one of Canada's top three players by Nagano Cup tournament director
- **Duncan Kenyon**, Agriculture, Forestry and Home Economics  
*Sport:* cross-country skiing  
*Career highlights:* 6th Canadian Birkenbeiner (55k) 1996; 17th Canadian senior Nationals (50k) 1996; 2nd Alberta #112, 1996
- **Gerhardt Klann**, Agriculture, Forestry and Home Economics  
*Sport:* biathlon  
*Career highlights:* 6th Canadian Junior National Championships, 1996; 1st North American Cup (10k, 15k), 1996; Alberta Cup I/II, 1996
- **Peter MacKenzie**, Faculté Saint-Jean  
*Sport:* cross-country skiing  
*Career highlights:* 2nd Alberta Cup #1, 1996; 4th Alberta Collegiate Athletic Championship, 1996; 3rd Canadian Birkenbeiner (55k), 1996
- **Dale Masson**, Agriculture, Forestry and Home Economics  
*Sport:* hockey  
*Career highlights:* Member of Team Canada at Nagano Cup, 1996; Canada West Second Team All-Star in 1995/96; Third season with Alberta
- **Trevor Sherban**, Agriculture, Forestry and Home Economics  
*Sport:* hockey  
*Career highlights:* Member of Team Canada at Nagano Cup, 1996; Named Canada West Second All-Star, 1995/96; Fourth season with Alberta
- **Aaron Zarowny**, Business  
*Sport:* hockey  
*Career highlights:* Member of Team Canada at Nagano Cup, 1996; CIAU All-Freshman Team, 1996; Second year with Alberta

## More control over when you work eases stress and helps workers meet family obligations, researcher finds

**Consumer economist Janet Fast working with StatsCan on workplace stresses**

By David Holehouse

Some workplace policies designed to ease time stress experienced by workers—especially women—are not very effective, a family and consumer economist in the Department of Human Ecology has found.

Janet Fast took a sabbatical last year to work with Statistics Canada in analysing data collected in a 1992 survey measuring time stress experienced by Canadians.

"Some of what we found contradicted what one might have expected based on the family literature," Dr Fast said. "Many of the work arrangements we looked at have been discussed as being family friendly, such as compressed work weeks. People working 12 hours a day instead of eight, however, end up with less time during their work days to take care of other things they need to do with or for the family. They can also end up with more to do on their days off."

Some options that might help include part time work and flex time arrangements. These provide some flexibility in when people do their paid work, but can also have the negative effect of reduced benefits and so on.

"This is preliminary work, because the only indicator we had to work with was

time stress, and that can vary from person to person," said Dr Fast. "Putting it together with other research that's been done, however, suggests that the key seems to be the elements of choice and control. There is less stress when you have some control over when you work your paid hours, so that you can meet your family obligations."

Employers are starting to catch on to the fact that their bottom line can be directly influenced by the employee's home life. "It's becoming well recognized that people having trouble meeting their obligations at home and work are going to cause decreased productivity, higher

turnover and training costs and increased absenteeism," said Dr Fast.

"However, we are also in a period of downsizing and recession, and employers are often reluctant to adopt some of these alternative work policies that might initially look more expensive."

Dr Fast's plans to continue her work with StatsCan to develop a follow-up time use survey, to be administered in 1998. ■



Janet Fast

David Holehouse

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# Libraries struggling under the weight of published materials

*U of A, along with other institutions, exploring ways to solve problems*

By David Holehouse

The University of Alberta has joined institutions across Canada in searching for ways to cope with the growing weight of published research material.

It's a problem of success: more researchers want to publish more of their findings. The volume of increasingly-expensive monographs, journals and books has overwhelmed the capacity of universities to buy and store material that could well be essential to future research.

"There's an explosion of publications that we are unable to buy because our budgets are under great stress," says Ernie Ingles, Associate Vice-President (Learning Support Systems). "Over the last few years we have cancelled 4,500 to 5,000 journal subscriptions. Faculty is aware of this and we hear about it all the time, but so much is published we could never hope to obtain it all. A million books are printed each year and we can only buy about 20,000, compared to the 40,000 we bought a few years ago."

Budget cuts have in fact meant a cumulative reduction in book purchases of almost 191,000 volumes in the 12 years since the 1983-84 year. Ingles does not, however, think it's the University of Alberta's problem to solve.

"The University has in fact done yeoman service in its budgeting process for the library; it has increased the budget as best it could, but it just hasn't been enough. On the serials side, there is inflation in the high teens every year, in the



Ernie Ingles

order of 17 to 19 per cent. With medical journals it's 30 per cent every year. Our increases have been six or seven per cent at best, so the gap widens."

The University of Alberta has provided input over the last three years to a task force formed to study the problem by the Association of Universities and Colleges of Canada and the Canadian Association of Research Libraries. It will sponsor a public discussion of the issues in April, involving some members of the task force, and will also send some representatives to a conference at Simon Fraser University in March.

Ingles says he doesn't know what the ultimate solution will be. Drastic increases in library budgets are unlikely. Asking faculty to restrict their publishing efforts runs counter to a tradition of basing professional rewards on publishing success, not to mention being contrary to the idea that research must be reviewed and published if it is to benefit others. Purchasing scholarly research in electronic form is more expensive than buying print materials.

He does agree, however, with some of the options sketched out by the task force. "Financial savings will come when the academic community, through learned associations or universities, takes back

from publishers the publishing of scholarly research. Universities have to get back in the game of publishing and have to create an environment internally to do that.

"With the World Wide Web, a university could decide to produce its own journals, or every institution could publish its own articles electronically in a common

data base, with a coordinated accessing and indexing system and suitable search engines. The key issue is to ensure there is still the editorial rigor, and has a cost associated with it."

For more information on the conference in Vancouver, check the website [www.sfu.ca/scom](http://www.sfu.ca/scom) or call (604) 291-5060. ■

## Poverty a focus of this year's International Week

*12th annual begins next week*

By Salima Bandali

The University's 12th annual International Week will provide an opportunity for the University community to reflect on global issues, to share knowledge, to learn and to resolve to contribute to finding and implementing solutions to the difficult issues of our time," says Nancy Hannemann, Global Education Coordinator at the International Centre.

"International Week, 27 to 31 January, is for the entire University of Alberta community. We encourage faculty, staff and students to participate in the Week. The participation in International Week has increased substantially over the last two years. This is due in part to professors encouraging their students to participate in the Week, even to make the Week part of the class assignment."

Of special interest to University of Alberta faculty and staff is, "What is an International University? Year Three," a session on Monday, 27 January, in which President Fraser will review what has been accomplished and what remains to be done to fulfil his vision of internationalizing the University. Discussion will look at aspects including curriculum, student mix, student and faculty exchanges, international development, study abroad, fees, overseas projects, alumni development, fund raising and research. The session will take place from 12:00 to 12:50 p.m. in Humanities Lecture Theatre 3.

"A focus of this year's program," says Hannemann, "is the theme of poverty eradication, since 1997 launches the United Nations International Decade for the Eradication of Poverty."

Several programs focus on poverty in Alberta including, a presentation by the



local and international perspectives on global issues  
Jan 27-31

Quality of Life Commission, another by some members of a local group of low income individuals, Poverty in Action, and a panel which will discuss poverty among University of Alberta students. In addition, Pieter de Vos, Jr., a University of Alberta student, will be exhibiting photos which put a human face on poverty in Edmonton's inner city. On a more global level, a panel sponsored by the United Nations Association Edmonton Branch, will address the question of whether the eradication of poverty is possible. As well, there are numerous programs focussing on various aspects of poverty such as the relationship between poverty and health and poverty and the environment.

A full description of the program is available in print format from the International Centre and electronically through the International Centre's homepage at <http://www.intlcent.ualberta.ca/> ■

## One student's experience in the Faculty of Science's internship program

*Psychology student works with RCMP in Edmonton*

By David Holehouse

Internship student Jody Carrington says her work experience has certainly exceeded her expectations. "This is far and above anything I could have learned from a book." The student who's been working in psychology and research with RCMP headquarters in Edmonton since last May, says, "It should be mandatory!"

When she started work on her undergraduate degree in psychology, she had little idea about where it would lead and even less interest in law enforcement.

"Now, it's incredible. I will concentrate on clinical psychology, and police psychology especially. And I want to join the RCMP!"

She assists in the health services department, which is responsible for the health and well-being of officers throughout Alberta and the Northwest Territories. She has helped design a course addressing alcoholism and assists with a wide variety of psychological assessments.



Internship student Jody Carrington

**"You have to think on your feet; I'm sure it will help me get a job."**  
Jody Carrington

Many industrial leaders, students and faculty are just as excited as Carrington is about the success of the Faculty of Science's Industrial Internship Program.

Coordinators in the various departments work with about 20 companies to match internship employment opportunities with interested students. The companies do the interviewing and hiring, and pay successful applicants their going rate for 12 to 16 months. Students then return to finish their final year of undergraduate studies.

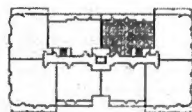
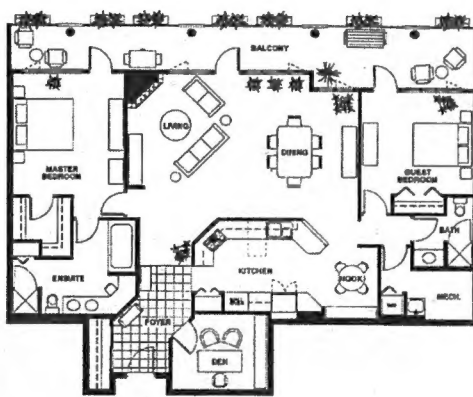
"You have to think on your feet," Carrington said. "I'm sure it will help me get a job, or continue into grad school."

Ted Barnicoat, Vice-President of Information Systems with Canadian Utilities, said the gas transmission company is "very high" on the internship program. "We get enthusiastic students with a good level of skill, and we get them for a full 16 months which allows us to apply them to some important projects," he said. Internship programs at other universities tend to be significantly shorter.

"Of course we have to do some training with the students, but they are ready, willing and able," he said. "We put them on some (computer sciences) projects that matter to us, and the result is we get real value out of them."

Barnicoat said there's never been an instance where the company has not offered a full-time job to one of its internship students from the U of A. ■

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# Cathy Aqui: making communication easier for campus community

*Loves technology and working with people*

By Folio staff

In two important ways, Cathy Aqui's job suits her perfectly: she loves technology and working with people. What better way to match personal interests with a career than to become a telecommunications analyst for the University of Alberta?

Aqui advises the University's many departments on their existing telephone systems, on what systems best suit their needs, how much they're going to cost and how to use the new systems.

The telecommunications analyst loves solving other people's communication problems. Some people arrive on her doorstep with problems that seem, to them, baffling. However, Aqui is often able to offer a quick and simple solution that saves them time and money. She finds that particularly gratifying. Aqui loves consulting with people one-on-one, walking through their difficulties, and coming up with solutions.

In fact, the Telecommunications Department has always preferred speaking

directly to clients. "It's extremely difficult and confusing to interpret a department's telecommunication needs on the basis of what is written on a form," she explains. "Personal contact solves everything."

Over the years, Aqui, who first arrived on campus in 1976, has served the campus community well: people have been able to walk across campus or pick up the phone to talk to Aqui, rather than visiting the local phone company. She's established what she refers to as a "comfort level" with department representatives who have gotten to know her voice on the phone and benefit from the personal touch. She's also had to work very closely with Telus.

There's another important aspect of her job: keeping on top of the latest technological advances in communications. The major challenge is confronting people's fears of technology. "People just don't know how fast technology is changing," she said, "and so it's sometimes difficult to get people to accept technological changes."



Cathy Aqui: in the communications business

In fact, keeping abreast of all the changes is absolutely crucial for her as well. From time to time, she enrolls in

courses at the University, Northern Alberta Institute of Technology and Grant MacEwan Community College. ■

## ILO wants establishment of a Research Technology Management Company

*Getting inventions to the marketplace will be accelerated, says ILO director*

By Michael Robb

The Director of the Industry Liaison Office says the creation of a Research Technology Management Company at the University of Alberta will accelerate the process of getting ideas to the marketplace.

Jim Murray, addressing the Board of Governors at their 10 January meeting, said the company would assist with putting management into place and securing the necessary capital to fund spinoff companies. "Our research is as good as anyone's...but we have to do a better job of building opportunities. There are many opportunities we haven't taken advantage of yet."

The proposal for the U of A company will be considered by the President's Executive Committee, acting Vice-President (Research and External Affairs) Roger

Smith informed the Board. The Board is then expected to consider a proposal.

The company would be 100 percent owned by the University and mandated to make a profit.

According to President Rod Fraser, a number of Canadian universities have attempted to get into this field—and not been very successful. So many of the U of A's peer universities went after the money first, "but that's putting the cart before the horse. We are tackling the most important issue, management."

In the past, said Board member Eric Newell, the Alberta Economic Development Authority has heard of smaller startup companies in the province having difficulty getting access to capital. Now, however, said Board chair John Ferguson,

there has been a flood of new vehicles created to solve the problem of access to capital, for example, a \$200 million fund established recently by the Royal Bank.

### The critical issue, Board members agreed, was solid management.

The critical issue, Board members agreed, was solid management.

"Albertans are eager to participate, but we need the right management," said Board member Tom Shields. Banks want to see

business plans and solid management in place, added Murray.

According to ILO data, about 2,000 direct and indirect jobs have been created in the province as a result of the establishment of U of A spinoff companies. ILO's mandate includes: facilitating collaborative research projects; developing industrial funding; protecting intellectual property resulting from University research; promoting the transfer of University-developed technologies, software and know-how; and promoting local economic development through the creation of University spin-off companies. ■

### Catherine M. Fletcher D.D.S.

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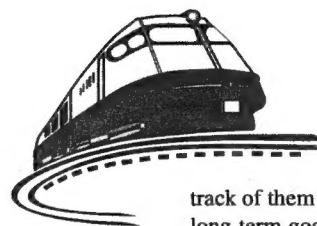
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## LETTERS

### TOP FACULTY EAGERLY SOUGHT BY OTHER UNIVERSITIES, ENGLISH PROFESSOR POINTS OUT

Dear Editor:

As reported in the 29 November issue of *Folio*, the appointment of Martha Piper, Vice-President (Research and External Affairs) as the new president of the University of British Columbia is good news indeed. President Rod Fraser is reported to have said "the fact that she has become UBC's next president demonstrates the U of A has some very good people." And a member of the Board said that "she has helped us show the community and stakeholders the importance of the U of A."

Yes, precisely.

But such comments raise a question: why has nothing been said about the appointment of other U of A faculty members to prestigious positions elsewhere? I'm aware of three such recent appointments (and only because I personally know the three people involved): Keith Denford, Chair of Botany, as Dean of Science at Regina; Shirley Neuman, former

chair of English, as Dean of Arts at UBC; and Robert Silverman, former chair of Sociology, as Dean of Arts and Sciences at Queen's. No doubt there have been other such appointments that I don't know of, but I'm certainly not going to find out about them from reading *Folio*.

And why not? When some of our top faculty are eagerly sought by other universities, shouldn't be indulge in a bit of back-slapping and chest-thumping? Why all the secrecy? We ought to know about such matters so that we can take some measure of justifiable pride in the accomplishments of our colleagues. Furthermore, publicising such news—and not just in *Folio*—might well do some good to our relationship with the provincial government and with the community at large. There's no point in hiding our successes.

Maurice Legris,  
Professor of English

### UNIVERSITY MUST HAVE OUTSTANDING CHILDCARE FACILITIES FOR RECRUITMENT OF STAFF, PROFESSORS SAY

Dear Editor:

We would like to bring to your attention a situation that has the potential to damage this University's ability to recruit new professors. If, in the next few years, the University of Alberta intends to hire hundreds of faculty members, then a key issue for many young faculty will be convenient, quality child care. However, Michener Park Day Care Centre, the only University-affiliated day care which takes infants, is in serious danger of being forced to close due to inaction on the part of the University. Does this *make sense*?

Michener Park Day Care Centre (MPDC) has served the University community for 15 years. It is non-profit with a parent-run board and known throughout the city for the high quality of care it provides. It is currently located in Galbraith House which has just been sold by the University. Although negotiations for this sale have been going on for two years and



the Director of MPDC has been communicating with U of A Planning and Development since April 1995, no plans were made for a new site for the daycare. An eviction notice was served on 31 October, 1996, and the daycare must vacate by 30 April, 1997, yet the University has still not found a site for them. In fact, if a site is not found immediately, this will preclude the MPDC from applying for grants which could partially offset the relocation/renovation costs.

Michener Park Day Care Centre cannot survive with such uncertainty; one family has already felt compelled to find alternative care. If MPDC is lost through the University's neglect, what kind of a message are we sending to young applicants thinking of joining our community? This is particularly damning in light of the 1992 Council on Student Life report, which recommended the immediate establishment of an infant/toddler daycare centre on-campus. We therefore urge the administration to act with haste and solve two problems by finding and renovating an on-campus site for Michener Park Day Care Centre, before this valuable University resource is lost.

Heather McDermid, Associate Professor, Biological Sciences  
Past Chair, Michener Park Day Care

John Locke, Associate Professor, Biological Sciences  
Past Treasurer, Michener Park Day Care

Brett Purdy, Research Coordinator, Sustainable Forest Management  
Network of Centres of Excellence

Christine Hanrahan, Assistant Professor, Physical Education and Recreation

Shannon Zwicker, Development Officer, Development Office

W John Church, Assistant Professor, Public Health Sciences

Mark McDermott, Assistant Professor, Chemistry

Christine McDermott, Chemistry Department

James Blevins, Linguistics

Vickie Harber-Stenerson, Physical Education and Recreation

Joseph Casey, Assistant Professor, Physiology

## University/Research Network in Functional Foods and Nutraceuticals established

By Sandra Halme

A University/Research Network in Functional Foods and Nutraceuticals is being established; it will be based at the University of Alberta.

The research network will foster industrial investment in research and development of functional foods and nutraceuticals by bringing together scientists and business leaders from universities, government laboratories and industry to solve complex market-oriented problems. Organizers are hopeful the network will attract new industry to the province and create new knowledge-based companies.

Functional foods and nutraceuticals are foods or products produced from foods that enhance health and reduce the risk of chronic disease. The emerging field of functional foods and nutraceuticals requires new technology in food processing, separations and compositions followed by assessment of their health impact on the nutrition and metabolism of humans and animals.

The Alberta-based network will include the University of Alberta and other post-secondary institutions, working with food producers and processors including the Leduc Food Processing Centre. The new network has received approximately \$100,000 in seed funding from the Alberta Wheat Pool; CEAPRO Inc.; the Canadian

Manufacturers' Association; Economic Development Edmonton; the Agriculture and Food Council; the Protein Engineering Network Centres of Excellence (PENEC); the National Research Council of Canada's IRAP Program; and the University of Alberta's Faculty of Agriculture, Forestry and Home Economics, Industry Liaison Office and Vice-President (Research and External Affairs). Several other organizations are expected to provide additional funding in the near future.

The funding will be used to plan and establish a network of centres of excellence for research in this emerging field, including preparation of a business plan, and to develop specific research proposals in collaboration with industry for consideration by the federal and provincial governments.

The value-added sector of Alberta's agri-food industry has tremendous potential for growth. Currently, for example, Alberta's food and beverage industry adds only 24 cents to every dollar of farm cash receipts, while in Atlantic Canada the figure is \$1.79 and in Ontario it is \$1.39.

The underdevelopment of Alberta's food processing industry is further illustrated by its Ratio of Manufacturing Shipments to Farm Gate Receipts of 1.04 compared to Atlantic Canada's 4.22 and Ontario's 3.09. The network, among other things, intends to stimulate the huge growth potential that exists.

The field is one that major food producers are taking seriously. The Kellogg Co. has established a new Functional Food Division to research, develop and market "innovative foods that help consumers in the prevention and treatment of disease." The US Federal Drug Administration has recently allowed its first food-specific health claim so that the Quaker Oats Co. can claim that oat bran and oatmeal cereals may reduce the risk of heart disease.

The new University/Industry Research Network in Functional Foods and Nutraceuticals is targeting a budget of \$26 million over its first four years including funding from industry, the federal and provincial governments, and universities and other institutions. The Network is expected to be operational within a year. ■

### Core CORRECTION

#### Gender numbers in Engineering (five-year history)

Incorrect data was supplied to *Folio* for the 10 January story on women in engineering. This is the correct data:

Year	Female	Male	Total	women %
1992/93	330	2,108	2,438	13.5%
1993/94	378	2,181	2,559	14.8%
1994/95	415	2,073	2,488	16.7%
1995/96	462	2,092	2,554	18.1%
1996/97	507	2,020	2,527	20.1%

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### EFF - University Teaching Research Fund Application Deadline

The deadline for receipt of applications to the EFF - University Teaching Research Fund is 18 February, 1997.

The primary purpose of this fund is to enhance the level and quality of teaching research and curricula development in the University.

Application forms are available from the Associate Vice-President (Academic) Office, 3-5 University Hall; phone: 8182. ■



## ACADEMIC TECHNOLOGIES FOR LEARNING

30 January, 12:30 pm  
George Buck, "Assessing the Effectiveness of Technology Enhanced Learning." 2-36 University Extension Centre.

## AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE

5 February, 1 pm  
Susan Samuels, Department of Animal Science, University of British Columbia, "Protein Turnover in the Gastrointestinal Tract." 1-06 Agriculture/Forestry Centre.

## ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

24 January, 3:30 pm  
Bob Metzberg, Department of Biological Sciences, Stanford University, "An Unpublicized Role for Meiosis: Regulation of Gene Expression by Pairing." G-116 Biological Sciences Centre.

## BIOCHEMISTRY

30 January, 4 pm  
Ronald McElhaney, "The Interactions of Designed Transmembrane Alpha Helical Peptides with Phospholipid Bilayers." 2-27 Medical Sciences Building.

## BIOLOGICAL SCIENCES

## MOLECULAR BIOLOGY AND GENETICS RESEARCH GROUP

31 January, 3:30 pm  
Peter Facchini, Department of Biology, University of Calgary, "The Opium Wars: Unraveling the Molecular Regulation of Alkaloid Biosynthesis in Poppy." G-116 Biological Sciences Centre.

## SYSTEMATICS AND EVOLUTION

30 January, 4 pm  
Jeff Battigelli, "Of Mites and Men: Exploring Their Impacts on the BC Underground." TB-W1 Tory Breezeway.  
6 February, 4 pm  
Terry Thormin, Bug Room Supervisor, Provincial Museum, "The Bug Room: The Evolution of a Live Gallery." TB-W1 Tory Breezeway.

## CANADIAN INSTITUTE OF UKRAINIAN STUDIES

27 January, 3:30 pm  
Andriy Hornajkevyc, "Pobut of the Kobzari and Lirnyky as Reflected in their Secret Language." 352 Athabasca Hall.  
3 February, 3:30 pm  
Natalia Pylypiuk, "Diatribes, Games, and Colloquies in the Prose of Hryhorij Skovoroda." 352 Athabasca Hall.

## CATHOLIC CAMPUS MINISTRY

7 February, noon  
Br Donatus Vervoort, "Spirituality and the University." Cost: \$3. RSVP: by Wednesday, 5 February, 492-7684. St Joseph's College.

## CHEMICAL ENGINEERING

30 January, 3:30 pm  
Zhanping Xu, "Catalytic Distillation and Its Applications." 342 Chemical-Mineral Engineering Building.

6 February, 3:30 pm  
RA Jenkins, "Design, Construction and Operation of Membrane Reactors for Hydrocarbon/Oxygen Reactions." 342 Chemical-Mineral Engineering Building.

## EARTH AND ATMOSPHERIC SCIENCES

24 January, 3 pm  
Derald Smith, Department of Geography, University of Calgary, "Termination of the Younger Dryas." 3-36 Tory Building.  
7 February, 3 pm  
Stephen Zoltai, Northern Forestry Centre, "Changes in Carbon Sequestration During Holocene Climate Changes." 3-36 Tory Building.  
14 February, 3 pm  
Ian Campbell, Northern Forestry Centre, "Fire, Climate Change, and Vegetation in Western Canada." 3-36 Tory Building.

## EAST ASIAN STUDIES

7 February, 10 am  
Daniel Byant, "What You See is What You Get: The Shape of Chinese Literary History." 141 Arts Building.

## ECO-RESEARCH CHAIR IN ENVIRONMENTAL RISK MANAGEMENT

24 January, 3 pm  
Eric Dewailly, Department of Social and Preventative Medicine, Laval University and Director, Environmental Health Service, Quebec Centre for Public Health, "Health and Social Issues of Organochlorine Ecosystem Contamination in Nunavik and Labrador." 2F1.04 (Classroom D), Walter C Mackenzie Health Sciences Centre.

## EDUCATION

30 January, 4:30 pm  
Tracey Derwing, "Can Pronunciation Instruction Have a Positive Impact on ESL Students' Comprehensibility?" 633 Education South.  
13 February, 4:30 pm  
Terrance Carson and Derek Briton, "Crossing Boundaries: Towards Constructing a Collaborative Program of Teacher Education." 633 Education South.

## ENGLISH

The Broadus Lectures will be given by Tory Professor Isobel Grundy, under the series title "Lives Into Books." The specific talks are as follows:  
3 February, 4 pm  
"Butterflies on Wheels." L-1 Humanities Centre.  
5 February, 4 pm  
"Gazing at Lives: The Portrait As Clue or Trap." L-1 Humanities Centre.  
7 February, 4 pm  
"Biography: If It's Impossible, Why Try?" L-1 Humanities Centre.

## FINANCE AND MANAGEMENT SCIENCE

7 February, 3:30 pm  
Joseph Cherian, Boston University, "Pricing the Convenience Yield of Treasury Securities: Theory and Evidence." 4-16 Business Building.  
14 February, 9:30 am  
Sam L. Savage, Stanford University and University of Chicago, "The Fall of the Algebraic Curtain." 5th Floor, Business Building. RSVP: 492-2457.

## HOPE FOUNDATION

27 January, 7:30 pm  
Darel Jacobs, "Understanding Hope: A Drama Exploration." Hope House, 11032 - 89 Avenue.

## INSTITUTE FOR PUBLIC ECONOMICS

27 January, 3 pm  
John Richards, Simon Fraser University, "Language Policy in Canada: How to Stop the Sugar from Dissolving in the Coffee." Cosponsor: Alberta Treasury. B-45 Tory Building.  
28 January, 3:30 pm  
John Richards, "What's Wrong (and Right) about Canadian Social Policy." 8-22 Tory Building.

## MANAGEMENT SCIENCE

14 February, 9:30 am  
Sam L. Savage, Stanford University and University of Chicago, "The Fall of the Algebraic Curtain." 5th Floor, Business Building.

## MODERN LANGUAGES AND COMPARATIVE STUDIES

31 January, 3 pm  
Magdy G. Badir, "Representation de la violence dans les estampes, les journaux et le roman sous l'Ancien Regime." Senate Chamber, Arts Building.

## PHARMACOLOGY

27 January, 11:45 AM  
Juan Carlos Leza, Department of Pharmacology, Complutense University, Madrid, Spain, "Nitric Oxide and Opiate Withdrawal Syndrome." 207 Heritage Medical Research Centre.

## PHILOSOPHY

31 January, 3:30 pm  
Carol Rovane, Yale University, "Some Thoughts on Personal Identity." 4-29 Humanities Centre.

## PHYSICS

24 January, 2 pm  
Alexander Shik, Center for Chemical Physics, University of Western Ontario and Ioffe Physical-Technical Institute, St Petersburg, Russia, "Quantum Wires." V-129 Physics Building.

## PSYCHOLOGY


CENTRE FOR RESEARCH IN CHILD DEVELOPMENT  
31 January, 1 pm  
Elinor Ames, Department of Psychology, Simon Fraser University, "The Development of Romanian Orphans Adopted in British Columbia." P-218 Biological Sciences Centre.

## RENEWABLE RESOURCES

30 January, 12:30 pm  
Hongwei Yang, associate professor, Institute of Mountain Disasters and Environment, Chinese Academy of Sciences, "Possible Impacts of the Three Gorges Project on Regional Ecosystem and the Environment." 2-36 Earth Sciences Building.  
6 February, 12:30 pm  
Benoit Rivard, "Characterization of the Nominigie-Cheneville Deformation Zone Using Radar Imagery." 2-36 Earth Sciences Building.

## WISEST

31 January, 4:30 pm  
Jennifer Mather, Department of Psychology, University of Lethbridge, "All Gone But the Cheshire Cat Smile: Three Ways Women Scientists Disappear." L-2 Humanities Centre.

 This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-5825.

## EXHIBITIONS

## MCMULLEN GALLERY

Until 2 March  
"Exotic Destinations—The Travels of Ten Artists from Alberta." Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm; Tuesday and Thursday evenings, 6 to 8 pm. Mackenzie Health Sciences Centre.

## MUSIC

24 January, 7 pm  
Trumpet Masterclass with Ole Edvard Antonsen. Convocation Hall.  
5, 6, 7, and 8 February, 7:30 pm  
"The Marriage of Figaro" by Wolfgang Amadeus Mozart. Alan Ord, director. Performers are students from Opera Workshop, will be joined by the University of Alberta Symphony Orchestra under the director of Norman Nelson. Admission: \$5/adult, \$3/student and senior. Convocation Hall.  
9 February, 8 pm  
Master of Music Recital—Rachelle Ventura, piano. Convocation Hall.  
14 February, 8 pm  
West African Crossings II: Arthur Bollo and the WAJO Drummers. Admission: \$10/adult, \$5/student and seniors. Information: Arthur, 497-7081. Convocation Hall.

## THE COUNCIL OF ST. STEPHEN'S COLLEGE INVITES HONORARY DEGREE NOMINATIONS

St. Stephen's College is accepting nominations for recipients of the honorary degree, Doctor of Divinity, to be conferred at the fall convocation 1997.

The degree recognizes and honors individuals who:

- Have demonstrated outstanding commitment to the church's ministries
- Have given meritorious service which contributes to the spiritual and social wellbeing of the community
- Have provided leadership in denominational and ecumenical circles

Please request nomination forms from the College by calling or writing:

Dolores Bell  
St. Stephen's College  
8810 112 Street  
Edmonton, Alberta, T6G 2J6  
Phone: 403-439-7311  
Fax: 403-433-8856

Deadline for nominations is 30 April 1997. ■

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VP (Internal)	\$500 /month
VP (Student Services)	\$500 /month
VP (Communications)	\$500 /month

Nomination close **January 27, 1997 @ 4:30 PM**

Voting: February 10 to February 14, 1997

Nomination forms and position information available at the GSA office (206 N Power Plant) or call 492-2175

For more information, contact CRO Frank Coughlan @ 4475637 or <coughlan@freenet.edmonton.ab.ca>



# RESUME POSITIONS

The University of Alberta is committed to the principle of equity in employment. As an employer, we welcome diversity in the workplace and encourage applications from all qualified women and men, including aboriginal peoples, persons with disabilities, and members of visible minorities.

## DIRECTOR OF DEVELOPMENT AND PUBLIC RELATIONS FACULTY OF EDUCATION

The Faculty of Education is seeking a Director of Development and Public Relations to develop and coordinate the Faculty's fund-raising and public relations activities. Reporting to the Associate Dean (External Relations), the successful candidate will work with the University of Alberta's Development Office. The Director will also be responsible for working with the Dean, faculty, alumni, the media and other organizations on a variety of activities related to enhancing the profile of the Faculty of Education. This will include responsibility for producing annual reports, case statements for fund-raising purposes, newsletters, brochures, etc.

We offer a professional team-oriented environment and are looking for an individual with a high level of enthusiasm and energy who has proven leadership, motivation, organizational and communication skills, and who is highly regarded for his/her ability to work positively and effectively with individuals and groups at all levels. The person we seek is expected to be com-

puter literate, certified in fund-raising, have a university degree preferably in Education and a knowledge in fund development principles, policies and strategies with at least three years experience in fund-raising, public relations or other relevant experience.

Applicants are invited to submit a resume, the names of three references and a letter explaining their interest in and strengths for the position to:

Dr Larry Beauchamp, Dean  
Faculty of Education  
845 Education South  
University of Alberta  
Edmonton, AB, T6G 2G5  
Fax: 492-0236

The deadline for applications is Friday, 14 February, 1997, with a starting date as soon as possible. This is a contract position, and a salary range of \$42,000 to \$47,000.

## DIRECTOR, SCHOOL OF LIBRARY & INFORMATION STUDIES

The Faculty of Education, University of Alberta, invites applications and nominations for the position of Director of the School of Library & Information Studies. The School consists of six full-time faculty. Currently there are 100 full-time and part-time graduate students within the School.

The successful candidate should have strong academic qualifications, demonstrated leadership and management qualities and a strong commitment to excellence in teaching and research.

The appointment will normally be for a five year term, commencing 1 July 1997 or as soon as possible thereafter. The application deadline is 1 March 1997.

Applications for the position should submit a current curriculum vitae, and names of three references to:

Dr Larry S Beauchamp, Dean  
Faculty of Education  
University of Alberta  
845 Education South  
Edmonton, AB T6G 2G5

## DEVELOPMENT AND ALUMNI RELATIONS OFFICER FACULTY OF LAW

The Faculty of Law is seeking a Development and Alumni Relations Officer to coordinate fundraising and alumni relations activities. Reporting to the Dean, the successful applicant will be responsible for securing gifts to the Faculty of Law, organizing an annual giving campaign, editing and producing an annual alumni magazine and coordinating reunions and other alumni activities.

The successful candidate must have a university degree and at least three years experience in fundraising, public relations or other relevant fields. A strong knowledge of major gift fundraising is desirable. The candidate must have superior written and oral communication skills, organizational and time management skills, and experience in working with and motivating volunteers. Knowledge of the Alberta legal community would be a definite asset.

Applicants are invited to submit a résumé, the names of three references and a letter explaining their interest in and strengths for the position to:

Dean Timothy J Christian, QC  
Faculty of Law

University of Alberta  
4th Floor Law Centre  
Edmonton, Alberta T6G 2H5

The deadline for applications is 3 February 1997 with a starting date as soon as possible. This is a contract position and a competitive salary is offered.

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THREE BEDROOM MCKERNAN semi-bungalow. Short walk to University. Quiet, clean, sunny, and charming. Big yard. Washer/dryer. Available 1 April. \$750. 435-4473.

WESTEND - unfurnished, two bedroom, two bath, over 45 condo. \$650/month includes in-suite storage, heated underground parking, heat, water, fridge, stove. Close to WEM, busline; 10 minutes to UofA. 452-2036.

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LANDSDOWNE - Just listed! Classic white, four bedroom, two storey. Newer oak kitchen, fireplaces, deck, three-piece ensuite, double garage, quiet street, eight minutes to UofA. Liz Crockford, Re/Max, 438-7000.

RIVERBEND - four bedroom plus grand office upstairs complete with bookcases, telephone lines, etc. Also fancy Corian kitchen, island, subzero fridge; fireplaces, new broadloom, new furnaces, security system. Liz Crockford, Re/Max, 438-7000.

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HOUSESITTER: responsible Sessional. Nonsmoker. Excellent references. Available March 1997. Please contact: jsuabap@grouper.batelnet.bs

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### MISCELLANEOUS

OPENINGS AVAILABLE in three and four year old groups at the Causeries French Immersion Playschool at Richard Secord Elementary School, 4025 - 117 Street. Call Cathy D. To register at 435-8279.

LOST: Windsor Park, New Year's Eve, 117/118 Street, 90/91 Avenue, favourite green/mauve/white silk scarf. Reward. 436-9701.



University of Alberta  
Senate

## Emil Skarin Fund Request for Applications

Applications to the University of Alberta Senate's Emil Skarin Fund are now being accepted. Those seeking financial support for a 1997 project(s) are invited to apply. Up to \$12,000 will be dispersed in April 1997.

Qualifying projects must:

1. be of value to both the public and the University of Alberta;
2. be consistent with the general aims and purposes of the University;
3. not normally be funded by the University;
4. originate from within Alberta.

Preference will be given to projects which emphasize the humanities and the arts. Applications, which must be received in complete form by **28 February**, are available from:

The Senate  
University of Alberta  
150 Athabasca Hall  
Edmonton, AB T6G 2E8  
Phone: 492-2268 Fax: 492-2448  
E-mail: senate.office@ualberta.ca



# Agriculture Canada backs Robinson's broiler breeder research

Federal funding will total \$500,000 over five years

By Judy Goldsand



Announcement of support by Agriculture and Agri-Food Canada for poultry research puts smiles on the faces of (left to right) Ian Morrison, Dean of Agriculture, Forestry and Home Economics; Frank Robinson, award recipient (Department of Agricultural, Food and Nutritional Sciences); and Keith Briggs, AFNS Chair.

Poultry is big business. In 1995, 64.5 million kilograms of chicken and 12.75 million kilograms of turkey were produced in Alberta. In 1996, the per capita poultry consumption in Canada surpassed beef for the first time, and this trend is expected to continue.

The Federal Government is backing that trend. Agriculture and Agri-Food Canada (AAFC), announced recently it will contribute \$100,000 a year for the next five years to assist U of A professor Frank Robinson and the Canadian Broiler Hatching Egg Producers Association carry out research. The funding will be used to support a new U of A position and related research in the area of applied embryology and egg handling. A former U of A graduate, Gaylene Fassenko, has been hired as Dr Robinson's research associate to head the new program.

The Agricultural, Food and Nutritional Sciences professor conducts research focussing on the management of feed and environment for breeding flocks. The University of Alberta has the only broiler breeder flock at a research institution in Canada.

"Maximizing efficiency of production in broiler breeders is one of the most challenging aspects of commercial poultry production in this decade", says Dr Robinson.

The funding will also enhance the U of A's role in continuing education. Dr Robinson will communicate directly via the Internet with the 287 members of the Canadian Broiler Hatching Egg Marketing Agency (CBHEMA) across Canada. He will put up a WWW home page that will include the results of recent research, as well as offer producers the opportunity to consult individually with him.

"Dr Robinson's program is already renowned as one of the strongest broiler breeder research effort in North America," says Ken Huttema, Chairman of CBHEMA. "He provides outstanding assistance to the industry."

## CENTRE FOR HEALTH PROMOTION STUDIES

### Faculty Associate Appointments

The Centre for Health Promotion Studies (CHPS) is inviting interested academic or community-based staff to consider applying to become *Faculty Associates* of the Centre. The Centre is committed to interdisciplinary research and graduate education to advance knowledge and theory development, practice, and policy in health promotion through community and academic partnerships. The Graduate Programs in Health Promotion have attracted 25 students in this initial year. *Faculty Associates* of the Centre will represent a broad range of academic fields and community organizations involved in health promotion. *Faculty Associates* will contribute to teaching, research, and community partnerships, as appropriate to their background, and will enjoy participation in the multidisciplinary collaborations and action strategies which characterize the field of health promotion.

If you are interested in receiving further information, or in applying to become a *Faculty Associate* of the Centre for Health Promotion Studies, please make contact by phone/fax or forward a letter indicating your reasons for interest, together with a résumé or curriculum vitae, by February 28, 1997 to:

**Douglas R. Wilson, M.D.**  
Interim Director  
Centre for Health Promotion Studies  
University of Alberta  
13-127A Clinical Sciences Building  
Edmonton, AB, T6G 2G3  
Phone: (403) 492-7385  
Fax: (403) 492-0364

## Computer Literacy for Faculty

The following basic computer courses are being offered to faculty to enhance their computer skills in anticipation of applying technology to the teaching and learning environment. The sessions will begin at noon and finish in approximately 50 minutes.

Due to limited seating, please register at least 24 hours before the session by calling Kenton Good at the ATL Production Studio at: 492-7500 Ext 221; Fax 8534; or email [atlcours@gpu.srv.ualberta.ca](mailto:atlcours@gpu.srv.ualberta.ca).

If you are unable to attend the course you had registered for, please contact Kenton so that others on the waiting list can benefit from the sessions. The sessions are being sponsored by Academic Technologies for Learning and Learning Support Systems, specifically the Library and Computing and Network Services.

To keep informed on course content and schedules please visit the academic area under the Training Web page at: <http://www.ualberta.ca/TRAINING/>

### FEBRUARY

- **Feb 3, Internet News (CNS)**  
This session will use Netscape to read Internet news and respond to newsgroups directly. Network etiquette and using news effectively for communications and research will be covered. Prerequisite is basic knowledge of the Internet.  
► Cameron Library Computing Lab Room 1-20G
- **Feb 5, Microsoft Powerpoint (Brad Hestbak - Graphics)**  
This is a hands-on session introducing the basics of the Powerpoint presentation package. Participants will look at the basic operations and elements of good graphic design.  
► Cameron Library Computing Lab Room 1-20G
- **Feb 7, Beyond the Catalogue: A brief Overview of Library Databases (Ernie Howe, Fern Russell - Library)**  
A walk through the opening screen of the library system and the Library's homepage on the World Wide Web with a brief look at available options.

Library information including hours, access to other library catalogues and databases, and recommended Internet resources are touched upon. This session is intended for new users of the Library's Web site.

► Cameron Library Computing Lab Room 1-20G

- **Feb 10, Image Scanning (John Driedger - ATL)**  
John Driedger, from the Academic Technologies for Learning (ATL) Production Studio, will demonstrate how to scan images using a flatbed scanner. From grayscale scanning for desktop publication, to color images for the Web or CD-ROM, to creating line art, John will explain the confusing issues of scanner resolution vs monitor resolution vs output resolution and what your image resolution should be...as well as a few other tidbits.  
► The ATL Production Studio (2-111 Education North)
- **Feb 10, Advanced Online Catalogue Searching (Sandra Shores - Library)**  
This session builds on the basic online catalogue searching session and explains in more detail how to use InfoGate to do keyword searching, manipulate search sets with combining and sorting, and printing and e-mailing results. These techniques can be used for the online catalogue and for ABI Inform, Environmental Abstracts, Humanities Index, Social Sciences Index, and Biological and Agricultural Index. Basic familiarity with computers and electronic mail will be assumed.  
► Cameron Library Computing Lab Room 1-20G
- **Feb 12, Digital Photography: Using a Quick Take Camera (John Driedger - ATL)**  
Wondering what digital photography is all about? John Driedger, from the Academic Technologies for Learning (ATL) Production Studio, will show you how easy it is to snap pictures with a digital camera. John will tell you a bit about photography basics, the pros and cons of the digital technology, demonstrate how a digital camera operates and the process of downloading images into a computer. The icing on the cake will be a demonstration of how to use software to enhance the photos.  
► The ATL Production Studio (2-111 Education North)

- **Feb 12, MLA International Bibliography (Keith Wikeley - Library)**  
The Library has recently provided electronic access to this rich resource in modern and comparative literature, linguistics and folklore. During this session the features of both the database and the search software will be demonstrated and explained.  
► Cameron Library Computing Lab Room 1-20G
- **Feb 14, Beyond our walls: Accessing other Library Catalogues (linked libraries) and WorldCat (Ernie Howe, Jan Colter - Library)**  
The Library provides easy access to the catalogues of our resource sharing partners such as UBC, UofT and CISTI as well as many other catalogues. WorldCat, a multimillion record database of holdings around the world, will also be demonstrated.  
► Cameron Library Computing Lab Room 1-20G
- **Feb 14, Structural Planning for WEB Presentation (Dave Trautman - ATL)**  
Wading into constructing a web site can be daunting and painful if planning for the site is poor. Many of the best web sites are popular and useful because plenty of advanced planning went into their construction. This presentation will describe many of the issues surrounding the development of a web site and bring forward strategies for dealing with the gestation of a web project.  
► The ATL Production Studio (2-111 Education North)
- **Feb 24, Evaluating HTML Editors (Dave Trautman - ATL)**  
Dave Trautman will talk about how he is evaluating various simplified HTML editors. Sometimes known as WYSIWYG editors these tools are being popularized by all the major players in web design. Dave will take up the challenge of comparing and examining the pros and cons of the more popular tools; for example:
  - Netscape 3 Gold (Mac) HomeSite (Win95)
  - Claris HomePage (Mac) FrontPage (Win95)
 ► The ATL Production Studio (2-111 Education North)

## Marriage

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western world and also one of the best loved of musicians and public alike. The opera is based on *Le Mariage de Figaro*, the second of three plays about the same principal characters by Pierre-Augustin Caron de Beaumarchais (1732-99).

Helping to support this beautiful production are the Vienna Opera Ball Society, the Dean of Arts Support for the Advancement of Scholarship Fund and the National Congress of Italian-Canadians. The Department of Music also recognizes the generosity of the Department of Drama, Esthetic and Hair Design and Safeway Canada Limited, Inc.

Admission is only \$5 per adult, \$3 per student/senior. For further information, please contact the Department of Music, 3-82 Fine Arts Building, telephone 492-0601.